

11
**MEXBOROUGH
URBAN DISTRICT COUNCIL**



**THE HEALTH
OF
MEXBOROUGH
1971**



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MEXBOROUGH URBAN DISTRICT COUNCIL

MEMBERS as at 31st December, 1971

Chairman of the Council :

Councillor J. R. Bell, J.P.

Vice-Chairman of the Council :

Councillor R. H. Haigh, O.B.E.

Chairman of the Public Health Committee :

Councillor R. H. Haigh, O.B.E.

Councillors :

J. A. Batty	S. Massey
R. Booth	T. Roebuck, C.C.
B. M. Cooke	R. Sykes
J. H. Gill	W. S. Taylor
J. Haigh	J. Toft
G. W. Hurst	S. Watson
R. K. Jobson, J.P.	J. C. Willetts
A. Martin, J.P.	A. Webb

Medical Officer of Health :

D. J. Cusiter, M.B., Ch.B., D.P.H., D.T.M. & H.

Chief Public Health Inspector :

H. Brearley, Cert S.I.B., M.A.P.H.I.

Additional Public Health Inspector:

P. J. Lakin. M.A.P.H.I.

P R E F A C E

Public Health Department,
Council Offices,
Mexborough.

To the Chairman and Members of
the Mexborough Urban District Council

Mr. Chairman and Gentlemen,

Included in this report are details of the County Council health services and the school health service.

304 live births were registered in 1971 and 200 deaths, a natural increase in the population of 104. The Registrar General, however, in his estimate of the resident population as at the 30th June, 1971, shows the population as 15,800, a decrease of 560 on the estimate for the previous year.

The number of live births registered (304) during the year is 9 more than in 1970. Based on a decreasing population, the corrected birth rate in 1971 was 19.8 per thousand population compared with 18.7 in 1970. The live birth rate for England and Wales was 16.0 in 1971. Of these live births, 165 were males and 139 females.

7 infants died under the age of one year, 4 of them in the first week of life. 5 infants died of causes associated with prematurity. 1 baby died from respiratory infection and 1 from congenital abnormalities.

The infant deathrate was 23.0 per thousand live births compared with a rate of 23.7 in 1970. The infant death rate for England and Wales in 1971 was 17.5 per thousand live births.

28 of the 304 live births were illegitimate, representing 9 per cent of the total, as against an illegitimacy rate of 8 per cent for England and Wales.

2 stillbirths, 1 male and 1 female, were registered and the stillbirth rate for 1971 was 6.5 per thousand live and stillbirths, compared with a rate for England and Wales of 12.5.

Deaths registered from all causes in 1971 totalled 200, 107 males and 93 females. The corrected death rate of 14.2 per thousand estimated population compares with a rate of 11.6 for England and Wales. The main causes of death were circulatory disease (71); respiratory disease (47); cancer of all sites (35) and cerebro vascular disease (22).

24 of the respiratory deaths were due to bronchitis and emphysema and 16 from pneumonia. Of the deaths from cancer, 7 were due to cancer of the lung and bronchus and all were males. No deaths were recorded from tuberculosis.

In conclusion I would like to express to all Members of the Council, Mr. H. Brearley, the Chief Public Health Inspector and his staff, and my own colleagues and staff of the Divisional Health Office my appreciation of the help and encouragement which I have received from all during the year.

Yours faithfully,

D. J. CUSITER

Medical Officer of Health.

Divisional Public Health Office,
Dunford House,
Wath-upon-Deerne,
Rotherham.
Tel.: Wath-upon-Deerne 2251/2.

SECTION "A"

NATURAL AND SOCIAL CONDITIONS OF THE AREA

(a) General Statistics

Area (in acres)	...	...	...	...	...	1,452
Registrar-General's estimate of Resident Population Mid-1971	...	...	...	...	...	15,800
Number of inhabited houses at 31st December, 1971						5,940
Population density (persons per house)	...	...	...	...	...	2.7
House density (houses per acre)	...	...	...	...	...	4.0
Rateable value	...	...	...	...	...	£409,410
Net product of 1p rate	...	...	...	...	...	£3,840

(b) Physical and Social Conditions

Mexborough is a typical market town of 1,452 acres, built on gradually rising ground, for the most part sandstone, on the North side of the River Don.

The mining, light engineering and printing industries provide the major source of employment for the male population.

The population of 15,800 has decreased by nearly three thousand since 1951. The number of inhabited houses has increased by 750 since that time. During 1971 131 new houses were provided, 108 by the Local Authority and 23 by private enterprise.

VITAL STATISTICS

Live Births :

					Males	Females	Total
Total	...	...	...	...	165	139	304
Legitimate	...	...	...	...	148	128	276
Illegitimate	...	...	...	...	17	11	28
Live Birth Rate (uncorrected)							
	per 1,000	population	...	...	...	...	19.2
Live Birth Rate (corrected)							
	per 1,000	population	...	...	...	...	19.8
Illegitimate live births as percentage of							
	total live	births	...	...	...	...	9%

Still-Births :

					Males	Females	Total
Total	...	...	...	...	1	1	2
Rate per 1,000 live and still-births							
	...	...	...	...	...	...	6.5
					Males	Females	Total
Total Live and Still-Births	...	...	...	...	166	140	306

Deaths of Infants under 1 year of age :

					Males	Females	Total
Total	...	...	...	...	3	4	7
Legitimate	...	...	...	...	3	4	7
Illegitimate	...	...	...	...	—	—	—

Infant Mortality Rates :

Total Infant Deaths per 1,000 live births	...	...	...	...	...	...	23.0
Legitimate Infant Deaths per 1,000 legitimate live births	...	...	...	...	...	...	25.3
Illegitimate Infant Deaths per 1,000 illegitimate live births	...	...	...	...	...	...	0.00

Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	19.7
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Early neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	13.1
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Perinatal Mortality Rate (still-births and deaths under 1 week combined per 1,000 total live and still-births)	19.6
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Maternal Mortality, including abortion :

Number of deaths	Nil
Rate per 1,000 total live and still-births	0.00

Deaths :

					Males	Females	Total
Total	...	...	...	...	107	93	200
Death Rate (uncorrected)	...	...	...	...	...	...	12.7
Death Rate (corrected)	...	...	...	...	...	...	14.2
Natural increase of population	...	...	...	...	...	...	104

Causes of Death at Different Periods of Life during 1971 in the Urban District of Mexborough
General Register Office, Somerset House, Strand W.C.2.

Cause of Death	Sex	Total all Ages	Under 4 Weeks	4 Weeks and under 1 year	Age in Years									
					1—	5—	15—	25—	35—	45—	55—	65—	75 and over	
B19(1) Malignant Neoplasm, Buccal Cavity etc.	M	1	—	—	—	—	—	—	—	—	—	—	—	1
	F	1	—	—	—	—	—	—	—	—	—	—	—	1
B19(2) Malignant Neoplasm, Oesophagus	M	1	—	—	—	—	—	—	—	—	—	—	—	1
	F	1	—	—	—	—	—	—	—	—	1	—	—	—
B19(3) Malignant Neoplasm-Stomach	M	6	—	—	—	—	—	—	—	1	4	—	—	1
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
B19(4) Malignant Neoplasm-Intestine	M	3	—	—	—	—	—	—	—	—	1	—	1	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	1
B19(6) Malignant Neoplasm-Lung Bronchus	M	7	—	—	—	—	—	—	—	1	3	—	1	2
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
B19(7) Malignant Neoplasm-Breast	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	1
B19(8) Malignant Neoplasm-Uterus	F	3	—	—	—	—	—	—	—	1	1	—	—	1
B19(9) Malignant Neoplasm-Prostate	M	1	—	—	—	—	—	—	—	—	—	—	—	1
B19(11) Other Malignant Neoplasms	M	4	—	—	—	—	—	—	—	—	—	—	4	—
	F	5	—	—	—	—	—	—	—	2	—	—	1	2
B21 Diabetes Mellitus	M	1	—	—	—	—	—	—	—	—	—	—	1	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
B26 Chronic Rheumatic Heart Disease	M	2	—	—	—	—	—	—	—	—	1	—	1	—
	F	4	—	—	—	—	—	—	—	—	1	—	2	1
B27 Hypertensive Disease	M	2	—	—	—	—	—	—	—	—	—	1	—	1
	F	2	—	—	—	—	—	—	—	—	—	—	—	2

Causes of Death at Different Periods of Life during 1971 in the Urban District of Mexborough
General Register Office, Somerset House, Strand, W.C.2.

Cause of Death	Sex	Total all Ages	Under 4 Weeks	4 Weeks and under 1 year	Age in Years								
					1—	5—	15—	25—	35—	45—	55—	65—	75 and over
B28 Ischaemic Heart Disease	M	27	—	—	—	1	1	7	4	6	—	8	
B29 Other Forms of Heart Disease	F	20	—	—	—	—	—	1	3	7	—	9	
B30 Cerebrovascular Disease	M	1	—	—	—	—	—	—	—	1	—	—	
	F	2	—	—	—	—	—	—	—	—	—	2	
B32 Pneumonia	M	6	—	—	—	—	—	—	1	3	—	2	
B46(6) Other Diseases of Circulatory System	F	16	—	—	—	—	—	2	3	1	—	10	
B33(1) Bronchitis and Emphysema	M	6	—	—	—	—	—	—	1	—	—	5	
	F	5	—	—	—	—	—	—	—	2	—	3	
B33(2) Asthma	M	8	—	—	—	—	—	1	—	2	—	5	
	F	8	—	—	—	—	—	—	—	2	—	8	
B46(7) Other Diseases of Respiratory System	M	17	—	—	—	—	—	2	2	9	—	4	
	F	7	—	—	—	—	—	1	1	1	—	4	
B34 Peptic Ulcer	M	—	—	—	—	—	—	—	—	—	—	—	
	F	2	—	—	1	—	—	—	1	—	—	—	
B36 Intestinal Obstruction and Hernia	M	2	—	—	—	—	—	—	1	—	—	2	
	F	3	—	1	—	—	—	—	—	—	—	—	
B46(8) Other Diseases of Digestive System	M	—	—	—	—	—	—	—	—	—	—	—	
	F	1	—	—	—	—	—	—	—	1	—	—	
B38 Nephritis and Nephrosis	M	1	—	—	—	—	—	—	—	—	—	1	
	F	1	—	—	—	—	—	—	—	—	1	—	

**Causes of Death at Different Periods of Life during 1971 in the Urban District of Mexborough
General Register Office, Somerset House, Strand, W.C.2.**

Cause of Death	Sex	Total all Ages	Under 4 Weeks	4 Weeks and under 1 year	Age in Years									
					1—	5—	15—	25—	35—	45—	55—	65—	75 and over	
B46(9) Other Diseases, Genito-Urinary System	M	—	—	—	—	—	—	—	—	—	—	—	—	—
B46(11) Diseases of Musculo-Skeletal System	F	2	—	—	—	—	—	—	—	—	1	—	—	—
B42 Congenital Anomalies	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	1	—	—	1
B43 Birth Injury, Difficult Labour, etc.	M	1	1	—	—	—	—	—	—	—	—	—	—	—
B44 Other Causes of Perinatal Mortality	F	2	2	—	—	—	—	—	—	—	—	—	—	—
BE47 Motor Vehicle Accidents	M	1	1	—	—	—	—	—	—	—	—	—	—	—
	F	1	1	—	—	—	—	—	—	—	1	—	—	—
BE48 All Other Accidents	M	2	—	—	—	—	—	—	—	—	—	—	—	2
	F	1	—	—	—	—	—	—	—	—	—	—	—	1
BE49 Suicide and Self-Inflicted Injuries	M	3	—	—	—	—	—	—	—	—	—	—	—	1
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
Total all causes	M	107	3	—	—	—	1	1	2	14	21	30	36	
	F	93	3	1	—	1	1	—	—	9	11	17	50	

Deaths of Infants under 1 year of age, 1971

No.	Date of Death	Cause of Death	Age	Birth weight	Died	Dom. or Inst. birth
1.	14.1.71	1a Prematurity and Dysnatrity 11 Atelectasis	7 hours	2.0	Moorgate General Hospital, Rotherham	Inst.
2.	11.4.71	1a Prematurity b Accidental haemorrhage	10 hours	2.0	Montagu Hospital, Mexborough	Inst.
3.	4.9.71	1a Acute peritonitis b Congenital defect of pancreas 11 Interventricular septal defect	7 days	7.7	Montagu Hospital, Mexborough	Inst.
4.	7.9.71	1a Pulmonary atelectasis b Extreme prematurity	3 weeks	2.0	Moorgate General Hospital, Rotherham	Inst.
5.	6.10.71	1a Prematurity	5 hours	1.15	Montagu Hospital, Mexborough	Inst.
6.	13.12.71	1a Anoxia b Acute bronchitis	6 months	5.4	Dead on arrival at Montagu Hospital, Mexborough	Inst.
7.	28.11.71	1a Prematurity	1 hour	2.0	Montagu Hospital, Mexborough	Inst.

MEXBOROUGH 1971

	Mexborough Urban District 1971	Div. 26 1971	Aggregate West Riding Urban Districts	West Riding Administra- tive County	England and Wales
Population	15,800	107,540	1,277,180	1,801,560	48,815,000
Live Births (Crude)	19.2	18.3	16.9	17.0	
Live Births (Corrected)	19.8		17.2	17.2	16.0
Death Rate—All causes Crude	12.7	11.0	12.0	11.4	
Death Rate—All causes Corrected	14.2		12.5	12.3	11.6
Tuberculosis:—					
Respiratory	0.00	0.04	0.02	0.02	0.02
Other Forms	0.00	0.01	0.01	0.01	0.01
All Forms	0.00	0.05	0.03	0.02	0.03
Cancer all forms	2.22	2.09	2.25	2.16	2.39
Cerebro-Vascular Disease	1.39	1.61	1.86	1.75	*
Circulatory Diseases	4.49	3.40	4.62	4.41	*
Respiratory Diseases	2.97	2.18	1.53	1.42	*
Maternal Mortality	0.00	0.00	0.09	0.10	0.17
Infantile Mortality	23.0	23.8	18.7	18.4	17.5
Neo Natal Mortality	19.7	14.2	10.7	11.0	11.6
Perinatal Mortality	19.6	21.6	21.8	21.7	22.3
Still-Births	6.5	10.0	12.8	12.3	12.5

* Figures not available

SECTION 'B'

General Provision of Health Services in the Area

Staff at 31st December, 1971

Divisional Medical Officer and Medical Officer of Health :

D. J. Cusiter, M.B., Ch.B., D.P.H., D.T.M. & H.

Divisional Nursing Officer :

Miss V. Dunford, S.R.N., S.C.M., H.V.Cert., D.T. (Queens)

Senior Departmental Medical Officers :

S. K. Pande, M.B., B.S., D.P.H.

Margaret Bolsover, M.B., Ch.B.

Part-Time Medical Officers :

Farhat Amin, M.B., B.S., D.C.H.

M. F. W. Bajorek, M.D.

D. M. Bell, M.B., Ch.B.

I. Campbell, M.D., Ch.B.

Jessica Core, M.B., Ch.B., D.C.H.

H. J. Powell, M.B., Ch.B.

Mary Scott, M.B., Ch.B.

H. H. Smith, M.B., Ch.B.

J. Wilczynski, M.B., Ch.B.

Obstetrician :

J. C. MacWilliam, L.R.C.P., L.R.C.S., L.R.F.P.S.,
D.Obst.R.C.O.G.

Ophthalmologists :

Mary A. C. Jones, M.B., Ch.B., F.R.C.S., D.O. (Consultant)

S. K. Bannerjee, M.B., B.S., D.O.

Child Psychiatrist :

J. D. Orme, M.R.C.S., L.R.C.P., D.P.M.

Psychologist :

Felicity A. Brown, B.A.

Health Visitors :

Miss L. Ferneyhough (Nursing Officer)	
Mrs. E. Appleyard,	Miss V. McCulloch,
Mrs. J. Brown,	Mrs. J. V. McLoughlin,
Mrs. S. Chetcuti,	Mrs. R. U. Nwachuku,
Miss I. Cornthwaite,	Mrs. M. Scarrott,
Mrs. G. I. Ellis,	Miss J. L. Smith,
Mrs. M. Fisher,	Mrs. O. Smith,
Miss M. L. Hampshire,	Miss A. D. Willoughby,
Mrs. M. Jenkinson,	Miss H. Wray,
Mrs. M. M. Knowles,	

Assistants to Health Visitors :

Mrs. C. Bower	Mrs. B. M. Pickering
Mrs. S. Burgin	Miss E. Robinson
Mrs. G. Malpass,	Mrs. I. Senior.

Midwives :

Miss J. Dearden (Nursing Officer)	
Mrs. O. D. Edwards,	Mrs. N. Roe,
Mrs. J. Gross,	Mrs. A. E. Smith,
Mrs. J. Hanmer,	Miss D. A. M. Spencer,
Mrs. A. Hessam,	Mrs. D. A. Taylor,
Mrs. J. P. Hurst (P/T)	Mrs. M. Venables,
Mrs. V. J. Marley,	Mrs. R. Williams,
Mrs. M. Panton,	

District Nurses :

Miss B. Palmer (Nursing Officer)	
Mrs. M. Bamford	Mrs. A. Leaver,
Mrs. E. Brennan (P/T)	Mrs. M. Lidster
Mrs. M. Brooks,	Mrs. M. McCormack.
Mrs. J. Cox,	Mrs. A. E. Moore,
Mrs. S. R. Dickinson,	Mrs. M. Probert,
Mrs. E. E. Dixon,	Miss D. A. M. Spencer
Mrs. H. Dyson,	Mrs. M. Waldron,
Mrs. E. Firth,	Mrs. O. M. Ashley, S.E.N.
Miss E. Gill,	Mrs. M. L. Mann, S.E.N.
Mrs. I. Goldsbrough,	Mrs. I. H. Rigby, S.E.N.
	(P/T)

Administrative and Clerical Staff :

Divisional Administrative Officer :

Mr. P. Goddard

Senior Clerk :

Mr. A. Wilkinson

Clerks :

Mrs. J. Chantry (P.T.),

Mrs. S. Clare,

Mr. H. Haigh,

Miss P. Hays,

Miss J. E. Hutchinson,

Mrs. D. Law (P.T.).

Mrs. A. Mann,

Mrs. M. Mason (P.T.),

Mr. E. K. New,

Mrs. F. M. Shaw,

Mrs. P. A. Sturman,

Miss L. Taylor

Mrs. J. Thacker,

Miss J. Worton

DIVISIONAL VITAL STATISTICS

In considering the statistics discussed in the following paragraphs, it should be remembered that the rates quoted are based on relatively small numbers. There will therefore be fluctuations in these rates from year to year, but it is of value to note the trend of the differing rates over a period of years.

Live Births :

During 1971, the number of live births registered in the Division totalled 1,971, which was 28 more than the total for the previous year. The crude birth rate was 18.3 per 1,000 estimated population, compared with 17.7 in 1970. For the West Riding Administrative County the birth rate for 1971 was 17.0 and for England and Wales 16.0.

169 of the 1,971 live births were illegitimate, representing 8.6% of the total. This ratio is higher than the national average of eight per cent.

Deaths :

The death rate for the Divisional Area in 1971 was 11.0 per 1,000 estimated population and this was slightly lower than the rate of 11.2 recorded in 1970. One thousand, one hundred and seventy-eight deaths were registered, 98 fewer than in the previous year.

Still-births :

Only 20 still-births were recorded, a marked decrease compared with 1970 when 38 were registered. Correspondingly the still-birth rate has fallen to 10.0 per 1,000 live and still-births from 19.2 the previous year. The rates for the West Riding Administrative County and England and Wales were 12.3 and 12.5 respectively.

Infant Mortality :

Forty-seven deaths of infants under 1 year of age were recorded, 23 of which died in the first week of life. Prematurity is still the major factor and it was associated with the deaths of 21 infants in 1971. The infant mortality rate of 23.8 per 1,000 live births is an improvement on the rate of 25.7 for

1970, but is still higher than the rate for the West Riding Administrative County (18·4) and England and Wales (17·5). The ratio of hospital confinements increases every year, and 89% of all births took place in institutions.

Perinatal Mortality :

The perinatal mortality rate is based on the total number of infants dying under one week of age plus all still-births and is related to a thousand live and still-births. It is considered to be a reliable pointer to the standard of maternity care in the area. It has been mentioned in the preceding paragraphs that 23 infants died in the first week of life and there were 20 still-births—total 43. The total number of live and still-births recorded was 1,991, and the perinatal mortality rate was therefore 21·6. In 1970 it was 32·8, 1969—32·0 and 1968—31·4. The Divisional rate this year is therefore better than the Administrative County rate of 21·7 and the rate for England and Wales of 22·3.

Tuberculosis :

Four deaths were registered from respiratory tuberculosis and one from other forms of the disease. The death rate for all forms of tuberculosis in 1971 was 0·05 per 1,000 estimated population.

Cancer :

Two hundred and twenty-four deaths were recorded from all forms of cancer in 1971. The death rate was 2·09 per 1,000 estimated population compared with 2·39 for England and Wales. Last year's death rate for cancer for the Divisional Area was 2·02, in 1969—1·85 and in 1968—2·07.

Deaths from cancer of the lung and bronchus totalled 58, the same number as in 1970. As the rate for 1971 is based on a slightly lower population the death rate is 0·54 compared with 0·53 the previous year. England and Wales has a lung cancer death rate of 0·63.

Cancer of the uterus was the cause of the deaths of 7 women. The death rate of 0·07 in this case was slightly lower than last year's rate for the Division of 0·08. The rate for the Administrative County was 0·08, there being no comparable rate available for England and Wales.

Cerebro-vascular Disease :

One hundred and seventy-three deaths were recorded under this heading as against 146 last year. The death rate has risen correspondingly from 1.33 in 1970 to 1.61 in 1971. It is still lower than the rate for the Administrative County which was 1.75 in 1971.

Heart and Circulatory Disease :

Coronary disease and angina are included in this group which represents the most common cause of death. 365 deaths were registered, 86 fewer than last year. The death rate was 3.40 (4.11 in 1970) and compares with a rate for the West Riding Administrative County of 4.41.

Diseases of the Respiratory System :

The Division as a whole has the unenviable record of having the highest death rate for respiratory disease of any Division in the Administrative County in 1971. A total of 234 deaths were due to respiratory infections and over a half of these (122) were due to bronchitis and emphysema. Putting the matter in perspective, however, it should be recorded that 168 of the 234 deaths (72%) related to persons over the age of 65 years and 97 of the total (41%) were over the age of 75. It will also be noted from the previous paragraph that the Divisional death rate for heart and circulatory disease is lower than the County rate.

The death rate was 2.18 per 1,000 estimated population which compares with a rate of 1.42 for the Administrative County and 1.53 for the aggregate urban districts of the West Riding.

Maternal Mortality :

No maternal deaths were registered in 1971.

Deaths :

An analysis by age group of the 1,178 deaths registered in the Divisional Area in 1971 reveals that four per cent occurred under the age of 1 year, 5 per cent in the 1—44 age range, 9 per cent between the ages of 45 and 54, 17 per cent were aged between 55 and 64, 27 per cent between the ages of 65 and 74 years and 38 per cent over the age of 75.

LOCAL HEALTH AUTHORITY SERVICES

Care of Mothers and Young Children - Section 22

Ante-Natal Clinics :

C.W.C. Welfare Avenue, Conisbrough.	Tuesday 2 - 4 p.m.	Dr. J. C. MacWilliam
C.W.C. Church Road, Denaby Main.	Wednesday 10 a.m. - 12 noon	do.
C.W.C. Welfare Park, Goldthorpe.	Thursday 2 - 4 p.m.	do.
C.W.C. Adwick Road, Mexborough.	Wednesday 2 - 4 p.m.	do.
C.W.C. Barbers Avenue, Rawmarsh.	Thursday 10 a.m. - 12 noon	Dr. Mary Scott
C.W.C. Rock House, Swinton.	Thursday 10 a.m. - 12 noon and 2 - 4 p.m.	Dr. H. H. Smith Cervical Cytology Clinic
C.W.C. off Houghton Road, Thurnscoe.	Friday 10 a.m. - 12 noon	Dr. J. C. MacWilliam
C.W.C. Church Street, Wath-upon-Dearne.	Friday 2 - 4 p.m.	Dr. F. Amin

Attendances :

Clinic	No. of patients who attended	No. of Attendances
Conisbrough ...	25	60
Conisbrough G.P. Clinic ...	195	990
Denaby Main...	30	88
Goldthorpe ...	94	244
Mexborough ...	104	361
Mexborough G.P. Clinic ...	174	1348
Rawmarsh Barbers Ave....	55	378
Swinton ...	22	205
Thurnscoe ...	28	183
Wath-upon- Dearne ...	57	100
TOTAL ...	784	3957

There was again a slight reduction in the number of expectant mothers attending Local Authority Ante-Natal Clinics, although the total represents forty per cent of all mothers confined during the year.

The fall in the numbers attending has coincided with the decrease in domiciliary deliveries which represented only a little over eleven per cent of the total in 1971.

Dr. J. C. MacWilliam is Medical Officer in charge of Ante-natal Clinics held in Conisbrough, Denaby Main, Goldthorpe, Mexborough and Thurnscoe, and he also holds the joint appointment of Senior Hospital Medical Officer at the Montagu Hospital, Mexborough. During 1971, 1,211 mothers resident in the Division were delivered at that hospital.

Ante-natal relaxation classes are held at five centres in the Division, and details of attendances are shown below :

Clinic	Attendances				
Goldthorpe	164
Rawmarsh	378
Thurnscoe	91
Wath-upon-Deane	352
Conisbrough	133
					<hr/>
Total	1,118
					<hr/>

Family Planning Clinics

The Mexborough Branch of the Family Planning Association held clinic sessions each Tuesday evening from 6.15 to 7.30 p.m. at the Health Centre, Mexborough. The Association is supported financially by the County Council, and the premises are made available free of charge. A cervical cytology service is also provided by the Association on a payment basis.

Infant Welfare Clinics

Sessions are held as follows throughout the year :—

Centre	Medical Officer in Charge
C.W.C. Conisbrough Monday 2 - 4 p.m.	Dr. M. Bajorek
C.W.C. Denaby Main Tuesday 2 - 4 p.m.	Dr. M. Bajorek
C.W.C. Goldthorpe Monday 2 - 4 p.m.	Dr. H. J. Powell
C.W.C. Mexborough Tuesday 2 - 4 p.m. Thursday 2 - 4 p.m.	Dr. M. E. J. Bolsover Dr. S. K. Pande
C.W.C. Rawmarsh (Monkwood) Thursday 2 - 4 p.m.	Dr. D. M. Bell
C.W.C. Rawmarsh (Barbers Avenue) Tuesday 2 - 4 p.m.	Dr. Jessica Core
C.W.C. Swinton Monday 2 - 4 p.m.	Dr. I. Campbell
C.W.C. Thurnscoe Monday 2 - 4 p.m. Tuesday 2 - 4 p.m.	Dr. J. Wilczynski (for both sessions)
C.W.C. Wath-upon-Dearne Monday 2 - 4 p.m. Tuesday 2 - 4 p.m.	Dr. D. M. Bell (for both sessions)
C.W.C. Kilnhurst Wednesday 2 - 4 p.m.	Dr. Jessica Core

Attendances :

Centre	No. of individual children who attended	Total No. of Attendances	
		Under 1 year	Over 1 year
Conisbrough	457	1266	1712
Denaby Main	327	867	891
Goldthorpe	670	1006	1555
Kilnhurst	286	616	1049
Mexborough	773	1883	2100
Monkwood	346	654	797
Rawmarsh	533	1034	1026
Swinton	538	1469	1369
Thurnscoe	652	1619	2850
Wath-on-Dearne	884	1845	3399
	5466	12259	16748

The number of individual children who attended Infant Welfare Clinics during 1971 increased by 250 compared with 1970, and total attendances also increased by approximately three thousand.

Paediatric assessment clinics are now established throughout the area and mothers are invited to bring their infants at the following ages for a series of short developmental tests : 3 months, 6 months, 10 months, 18 months, 3 years and 4 years. The four year examination is now being combined with the pre-school medical examination.

Premature Infants :

A premature infant is defined as one which weighs 5 lbs 8 oz or less at birth.

In 1971, 154 premature births were recorded including 12 still-births and 7 sets of twins. Ten per cent of these babies (16) were born at home and ninety per cent in hospital. 3 of the 15 premature babies born live at home were transferred to hospital shortly afterwards.

21 deaths were recorded of premature infants in the first four weeks of life, their birth weights being as follows :—

2 lbs or under	8
Between 2 and 3 lbs	5
Between 3 and 4 lbs	4
Between 4 and 5½ lbs	4

121 of the 142 infants born alive survived twenty-eight days, the survival rate being eighty-five per cent.

PREMATURE INFANTS BORN IN 1971

District	Born Alive			Stillbirths			No. removed to Hosp. After Birth	No. surviving 28 days		
	At Home	In Hosp.	Total	At Home	In Hosp.	Total		Born at Home	Born in Hosp.	Total
Conisbrough	2	16	18	—	4	4	1	1	13	14
Dearne	4	30	34	—	3	3	—	4	25	29
Mexborough	1	27	28	—	—	—	1	1	21	22
Rawmarsh	3	22	25	1	3	4	—	2	21	23
Swinton	3	20	23	—	1	1	1	3	18	21
Wath-upon-Dearne	2	12	14	—	—	—	—	2	10	12
TOTALS	15	127	142	1	11	12	3	13	108	121

MIDWIFERY — SECTION 23

The authorised establishment of midwives for the Division is 14·5, but with the continued decline in domiciliary deliveries only 11 full-time midwives and 1 part-time midwife were employed at the 31st December, 1971. All are authorised car users.

With the introduction of management structure in the nursing services, Miss J. Dearden was appointed Nursing Officer (Midwifery) for this Division and the neighbouring Division at Rotherham. Mrs. H. E. Hillery, who so faithfully served as a district midwife in the Dearne area for over twenty years, retired during 1971. Another of the midwifery staff transferred to the Home Nursing Service.

The midwives, having fewer deliveries to undertake, are now free to help general practitioners with their ante-natal clinics both in Local Health Authority premises and their own surgeries where this is requested by the family doctor.

As required under Section G of the Rules of the Central Midwives Board, midwives attend an approved refresher course every five years. Three members of the staff attended such courses in 1971. The County Council also arrange an in-service training programme and three other members of the midwifery staff attended a course at Grantley Hall Adult College in October 1971.

Dr. C. C. Bowley, Director of the Sheffield Region of the National Blood Transfusion Service, and an authority on the subject, addressed all the midwifery staff on the subject of "Prevention of Haemolytic Disease of the Newborn."

District midwives attended 224 deliveries during the year at which the doctor was present on 28 occasions. They also attended 883 mothers discharged from hospital before the tenth day after delivery.

HEALTH VISITING — SECTION 24

At the 31st December, 1971, 17 qualified health visitors were employed in the Division and six assistants. 2 of the qualified staff were designated as field work instructors, having the supervision of student health visitors on the district who were being trained at the Sheffield Polytechnic.

The County Council introduced a management structure for the nursing services in 1971 and appointed Nursing Officers as first line managers for each of the three nursing services.

It speaks well of the quality of the staff in the Division that three health visitors from this area were promoted to these posts, one of which was in our own Division, whilst the other two were appointed to the Doncaster and Barnsley Health Divisions.

All the health visitors are car users and are on attachment to general practitioners. Five undertake liaison work with hospitals and chest clinics, thus forging a link between the three branches of the Health Service so necessary for the benefit of all.

The pattern of the health visitors' work has changed over the years from the original "routine visit" regime, then to the "selective visiting" phase as health visitors found that screening procedures and immunisation schemes demanded more of their time, and presently where the health visitor is much more concerned with assessment of normal progress and development in babies and young children.

In-service training is provided at the Adult College, Grantley Hall, and three of the staff attended a course from the 5th to the 8th July, 1971. Additionally, three health visitors attended a post-graduate course at Bedford College, London, in September 1971, and two more attended a health education course at Wakefield in October.

HOME NURSING — SECTION 25

Miss B. Palmer was appointed Nursing Officer (Home Nursing) with the introduction of management structure in the nursing services on the 1st July, 1971.

The full-time home nursing staff consisted of 13 district trained nursing sisters, 3 State Registered Nurses and 1 State Enrolled Nurse at the 31st December, 1971. One State Registered Nurse and one State Enrolled Nurse were also employed in a part-time capacity.

Mrs. M. Brooks, a home nursing sister employed in Thurnscoe, undertakes the additional duties of training pupils for the District Training Certificate.

With the opening of the Health Centre in Mexborough, the treatment room was staffed by members of the Home Nursing Service for short periods during the day. The family doctors using the premises were thus able to refer ambulant patients requiring treatment to the nursing staff on the premises. Other patients on the district who were able to do

so also obtained their treatment at the Centre. There is every indication that the Health Centre treatment room will be widely used by the district nurses.

Two home nursing sisters attended in-service training courses at Grantley Hall Adult College during the year.

1,170 treatments were given to 263 patients at clinics and general practitioners' surgeries by home nursing staff during the year.

The County Council operate a day and night nursing service to provide relief for relatives nursing patients with terminal illnesses. In 1971 4 cases were assisted to the extent of 232 hours at a cost of £69.

VACCINATION AND IMMUNISATION — SECTION 26

The administrative arrangements and records relating to the vaccination and immunisation of all children born on or after 1st July, 1968, are controlled by a computer. Family doctors have the option of participating in this scheme and 26 of the 42 general practitioners in the Division have opted to do so.

The programme for vaccination and immunisation in childhood which has been adopted by the County Council is as follows :—

Six Months :

Diph./Tet./Pert. and oral polio vaccine (first dose).

Eight Months :

Diph./Tet./Pert. and oral polio vaccine (second dose).

Fourteen Months :

Diph./Tet./Pert. and oral polio vaccine (third dose).

Sixteen Months :

Measles vaccination.

Five Years :

Diph./Tet. and oral polio vaccine, or

Diph./Tet./Polio vaccine. Smallpox revaccination.

Eleven to Twelve Years :

B.C.G. vaccine.

Fifteen Years :

Polio vaccine (oral or inactivated).

Tetanus Toxoid.

Some family doctors prefer to start the first course of immunisation before the infant is six months of age, and such variations can be built into the computer programme successfully. Smallpox vaccination in infancy is not now recommended as a routine procedure.

Smallpox Vaccination :

	Date of Birth			Total
	1971	1966-69	1957-65	
Primary Vaccination	9	28	92	129
Re-vaccination	—	2	114	116
Total	9	30	206	245

Diphtheria Immunisation :

	Date of Birth			Total	Booster Doses
	1968-71	1964-67	Others under 16 yrs.		
Number immunised	1616	331	156	2103	2326

Poliomyelitis Vaccination :

	No. of persons completely Vaccinated during 1971		Total persons completely Vaccinated at 31.12.71	
	3 Dose	4 Dose	3 Dose	4 Dose
Children born in years 1956 — 1971	1911	1633	26973	8427
Young Persons	11	2	24760	6938
TOTAL	1922	1635	51733	15365

AMBULANCE SERVICE—SECTION 27

The ambulance station which serves the area is sited at Dunford House, Wath-upon-Dearne, and Mr. H. Godley is the Station Officer. Mr. Godley has kindly supplied me with the following statistics relating to the Service in 1971.

No. of patients conveyed	...	...	...	...	...	...	47,620
No. of journeys	...	...	...	...	...	...	8,496
Total mileage 1/1/71 to 31/12/71	...	...	...	...	...	...	249,742

Details of journeys :

No. of patients to out-patients clinics	...	...	...	...	38,030
No. of patients for admission to hospital	...	...	...	...	4,417
No. of patients for discharge from hospital	...	...	...	...	3,204
No. of patients transferred from hospital to hospital	...	...	...	...	966
No. of patients from accidents	...	...	...	...	1,003
Total					47,620

10 vehicles are stationed at Wath-upon-Dearne and there is a staff of 35 including shift leaders and clerk/telephonists.

PREVENTION OF ILLNESS — CARE AND AFTER CARE — SECTION 28

Nursing Equipment in the Home :

A complete range of nursing equipment is available for loan to patients where suitable recommendations are made, and 1,072 issues were recorded in 1971.

Hospital After Care :

Continuing a practice started in 1950, health visitors undertake liaison duties at the Montagu Hospital, Mexborough, Sandygate Annexe, Wath-upon-Dearne, Fullerton Hospital, Denaby Main, and the three Rotherham Hospitals (Doncaster

Gate, Moorgate General and Badsley Moor Lane Hospitals). At least one half day per week is devoted to this work by one of the five health visitors so employed.

The duties briefly consist of obtaining reports from health visitors on the home conditions of patients already in hospital or on the waiting list for admission, so that arrangements can be made for any provision in the home which may be required during the patient's stay or after discharge. This information is vital, particularly where old people may be due for discharge and there is no-one immediately available to provide the care needed when they return home.

Many problems have arisen, especially in the geriatric field, and there is urgent need in this area for more hospital beds and day care facilities.

Tuberculosis After Care :

Following the notification of a case of tuberculosis in a school in October 1971, it was necessary for arrangements to be made for chest x-ray examination of all pupils and staff. Initially sixty close contacts were referred to the Chest Clinic, and then arrangements were made with the Mass Radiography Unit for a special visit to the area in December 1971 to screen the rest of the contacts. As most of the pupils had received B.C.G. vaccination (the school having an acceptance rate of eighty-four per cent) it was established that there was no spread of infection. A number were referred to their own doctors for other minor conditions. The whole exercise proved the value of B.C.G. vaccination amongst school children.

Whilst the Mass Radiography Unit was in the area, opportunity was taken to hold public sessions in Wath-upon-Dearne and 1,032 members of the public availed themselves of these facilities.

26 notifications of tuberculosis were received during the year and 158 contacts of these cases were identified and referred to the Chest Clinic for examination.

A health visitor is attached to the Chest Clinic for liaison purposes, and she keeps a constant check on the attendance of contacts and notifies the appropriate health visitor of defaulters so that home visits can be made with a view to persuading them to attend.

1,920 children were offered B.C.G. vaccination and 1,671, representing eighty-eight per cent, accepted. Subsequently, 1,503 were Heaf tested, of which 1,219 had negative reactions and were vaccinated. Of the remainder those children having strongly positive reactions were referred to the Chest Physician for further investigation. Happily no abnormalities were detected amongst any of these children.

73 babies who were contacts of known cases of tuberculosis were vaccinated with B.C.G. by the Chest Physician.

Details are given below of abnormalities discovered at the Mass Radiography Survey held in Wath-upon-Dearne.

Tuberculosis—presumed healed—no further action	9
Infections of the lungs	3
Bronchiectasis	2
Emphysema	6
Pulmonary fibrosis—non-tuberculosis	1
Pneumoconiosis	3
Benign tumours of the lungs—mediastenum ...	1
Carcinoma of the lung and mediastenum	1
Pleural thickening of calcification—non-tuberculosis	4
Congenital abnormalities of heart and vessels ...	2
Miscellaneous	1
Total	33

Chiropody Service :

The following is a summary of treatments provided during 1971 by chiropodists employed either directly or through voluntary agencies in the area :

Summary of treatments :

Voluntary Association	Total Sessions	No. of Patients treated			No. of attendances
		Domi-ciliary	Non-Domi-ciliary	Total	
Bolton-on-Dearne O.A.P. Association	170	163	443	606	2309
Goldthorpe O.A.P. Association					
Thurnscoe O.A.P. Association					
Thurnscoe W.V.S.					
Mexborough Old Folk's Welfare Committee.....	147	184	336	520	1861
Swinton Aged Peoples Welfare Committee.....	145	96	255	351	1743
Rawmarsh Aged Peoples Welfare Committee.....	46	46	78	124	692
Wath-on-Dearne Aged Peoples Welfare Com'tee	181	220	296	516	2565
Total	689	709	1408	2117	9170
Direct Service					
Goldthorpe	36	35	65	100	470
Mexborough. ..	165	89	253	342	2060
Rawmarsh	177	114	261	375	1939
Conisbrough-Denaby Mn.	140	122	291	413	1617
Total	518	360	870	1230	6086

Cervical Cytology :

46 sessions were held mainly at Rock House, Swinton, at which 440 women attended. 6 patients were referred to their family doctors for investigation of minor abnormalities.

This service, which is designed to detect changes in the cells of the cervix which if left undiscovered might possibly lead to malignancy at a later date, commenced in this area in June 1966.

Phenylketonuria :

Every child is tested shortly after birth for phenylketonuria by means of the Guthrie test. No positive cases were reported during the year.

Joint Wardens Schemes for the Supervision of the Aged :

The following are details of wardens' schemes operated in the various districts jointly by the District Councils and the County Council :

Conisbrough :

- 6 resident wardens supervising schemes at :—
 - Shepherds Close, Denaby Main.
 - Community Centre, Conisbrough.
 - Wellgate Flats, Conisbrough (2 wardens)
 - Barton Place, Conisbrough.
 - Craganour Place, Denaby Main.
- 1 warden is employed for the supervision of old people in private houses in Denaby Main.

Dearne :

- 16 wardens supervising schemes at :—
 - Chestnut Grove, Thurnscoe.
 - Low Grange Road, Thurnscoe (2 wardens)
 - Market Square, Goldthorpe.
 - King Street, Goldthorpe.
 - Green Gate Close, Bolton-on-Deane.
 - Goldthorpe Road, Goldthorpe.
 - Hawthorne Flats, Thurnscoe.
 - Windsor Court, Thurnscoe.
 - Saltersbrook Flats, Highgate
 - Ladycroft, High Street, Bolton-on-Deane.
 - Church Street Flats, Thurnscoe.
 - Deane Road Flats, Bolton-upon-Deane.
 - Carrfield Lane, Bolton-upon-Deane (2).
 - Church Street Close, Thurnscoe.

Mexborough :

- 7 wardens supervising schemes at :—
 - Pitt Street, Mexborough.
 - Crossgate and Montagu Street, Mexborough.
 - Highwoods Road, Mexborough.
 - Oak Close, Mexborough.
 - Maple Leaf Court, Mexborough.
 - Hallgate, Mexborough.
 - Coniston Court, Mexborough.
- There are also 7 wardens for private properties in Mexborough.

Rawmarsh :

- 3 wardens supervising bungalows in :—
 - Greenfield, Rawmarsh.
 - Arcon Place, Rawmarsh.
 - Rockcliffe Road/Barbers Avenue, etc.

Swinton :

6 wardens supervising schemes in :—

Kilnhurst
Chapel Hill, Swinton.
Meadow View, Kilnhurst.
St. Mary's Crescent, Swinton.
Highfield Estate, Swinton.
Brameld Road, Swinton.

Wath-upon-Dearne :

7 wardens supervising schemes at :—

Almond Place, Wath.
Barnsley Road/Edward Road, etc., Wath.
Brampton Road/Christchurch Road,
West Melton.
Blake Avenue/Wordsworth Road/
Christchurch Road, etc., West Melton.
Varney Road/Mount Pleasant Road, etc.,
Wath.
Chapel Street/Cemetery Road, etc., Wath.
Grange Road/Cutts Avenue/Cemetery Road.

Meals on Wheels :

This service, which is provided to persons of pensionable age who are suffering from malnutrition or are unable to cook their own meals due to disability or illness, has steadily expanded during the years, and the following are details of the service as at the 31st December, 1971.

Urban District	No. of Persons	Frequency	Total meals Weekly
Conisbrough	120	Twice weekly	240
Dearne	130	Served to 65 persons twice weekly over four days	260
Mexborough	108	Twice weekly	216
Rawmarsh	50	Twice weekly	100
Swinton	48	Twice weekly	96
Wath-on-Dearne	54	Served to 27 persons twice weekly over four days	108
TOTALS	510		1020

HEALTH EDUCATION

Health education activities in the Division have occupied a great deal of time of health visitors and midwives. This was especially so during the first two terms of the school year where health visitors were concerned.

Midwifery :

Due to the reduction in staff and the increasing number of general practitioner ante-natal sessions held in the clinics and attended by midwives, mothercraft classes have been restricted to five Centres. However, as the Division is compact and has a good bus service, ante-natal mothers are encouraged to attend the nearest Centre but it is often found that mothers who are booked for confinement in hospital attend that hospital for mothercraft classes too.

Nevertheless, over 182 classes have been held at which over 1,000 attendances were made. The midwives give talks, illustrating the development of the foetus from conception to birth, advice on the puerperium and instruction on ante-natal and post-natal care and care of the infant.

Family planning has been a feature of the midwives' health education programme this year.

Health Visiting :

Health visitors have arranged sessions in schools to teach such subjects as :—

- Mothercraft—planned home-making,
- General and personal hygiene, including menstruation,
- Problems of community health,
- Prevention of disease,
- Dangers of smoking, drugs and alcohol,
- Duties of the community nurses.

These subjects are usually an integral part of a more general course or project taking place in school.

In July a "Health Education" programme was arranged for students at Wath Grammar School who were either leaving to take up employment or going to teacher training colleges or universities. This course consisted of seven sessions and approximately 220 students attended each session. Reports received later indicated that this has been a most successful venture.

Mrs. M. Fisher, Health Visitor, who acts as advisor to the Wath Home Safety Committee organised a very successful Home Safety Exhibition in the Clinic when over 650 adults and children attended during the period.

Mothers' Clubs :

Four very successful and active mothers' clubs continue to function in the Division, each attended and advised by the health visitor of the area.

Other Activities :

Youth Leaders

In the autumn term a programme was arranged for youth leaders but an evening course proved unsuccessful as this clashed with club activities. Only one or two leaders attended the full course of lectures.

Health visitors and home nurses are invited to speak at women's afternoon and evening meetings, mainly on topics associated with their work.

SCHOOL HEALTH SERVICE

Two full-time school medical officers are employed in the Service during 1971, and their services were supplemented by the employment of general practitioners on a part-time basis.

All children are examined either on entry or before entry to infants school. The selective scheme of medical examination of pupils in the intermediate age group has continued as described in previous reports and a similar scheme has been adopted in respect of school leavers. Questionnaires are distributed to parents of school leavers for completion and return. These are examined, together with all available school medical records, and in some cases further consultation takes place with the school teaching staff. Pupils are then selected for a full medical examination where this is indicated.

A vision screening test is carried out on all children annually, and a colour vision test is also undertaken in the 10—11 year age group and repeated if necessary at a later date.

Screening tests of hearing by pure-tone audiometer in all children between the ages of 6 and 7 years and again between the ages of 10 and 11 years are carried out.

Following the audiometric sweep test of pupils in school any children with doubtful results are referred to audiology clinics in the Division which are conducted by the school medical officers. Where doubt still remains as to the child's hearing ability, such cases are further referred to the Audiology Clinic at the Yorkshire Residential School for the Deaf, Doncaster, where more sophisticated equipment is available for testing.

The following tables give statistics in respect of the School Health Service for the year 1971 :—

Table I

Inspection of School Children 1971 :

Entrants	...	...	...	...	...	...	...	...	1,688
First Year Secondary	...	...	...	...	...	...	...	...	—
Last Year Secondary	...	...	...	...	...	...	...	...	129
Total									1,817
No. of special inspections	...	...	...	...	...	...	...	...	572
No. of re-inspections	...	...	...	...	...	...	...	...	22
Total									594
Total Inspections	...	...	...	...	...	...	...	...	2,411

Physical Condition of Pupils Inspected :

Satisfactory	...	...	...	...	...	...	...	...	100%
Found to require treatment	...	...	...	...	...	...	...	...	—

Table II

Cleanliness and Head Infestation :

Total No. examinations made for this purpose	...	...	...	...	...	...	...	...	18,902
Total No. found infested	...	...	...	...	...	...	...	...	718
Total percentage found infested	...	...	...	...	...	...	...	...	3.79%

Table III

Care of Handicapped Children :

Milton Day School—E.S.N.	...	...	...	...	100
Residential School—E.S.N.	...	...	...	...	5
Residential School—Deaf or Partially Deaf	...				8
Residential School—Deaf E.S.N.	...	...	...		—
Residential—Blind	...	...	...	...	3
Residential School—Partially Sighted	...	...			—
Day School—Partially Sighted	...	...	...	...	1
Residential School—Delicate	...	...	...	...	4
Residential School—Cerebral Palsy	...	...	...		3
Residential School—Physically Handicapped excluding Cerebral Palsy	...	...	...	...	4
Day School—Physically Handicapped	...	...			10
Residential School—Epileptic	...	...	...	...	—
Residential School—Maladjusted	...	...	...		3
Total					141

Table IV

B.C.G. Vaccination 13 years and older School Children :

No. of children offered testing and vaccination if necessary	...	...	...	...	...	...	1,920
No. of acceptances	...	...	...	...	...	...	1,671
Percentage of acceptance	87.0%

Pre-vaccination Tuberculin Test :

No. tested	1,503
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Result of Test :

No. positive	225
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No. negative	1,218
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No. not ascertained	58
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Percentage positive	14.9%
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No. vaccinated	1,218
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Table V

Audiometry :

No. tested	3,674
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No. with no loss	3,365
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No. referred to School Audiology Clinic	309
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Dr. J. D. Orme is the Consultant in charge of the Child Guidance team at the clinic which is held each Monday and Friday at Rock House, Swinton, and I am grateful to him and his colleagues for their invaluable assistance during the year.

We are also fortunate to have available to us the services of Miss M. A. C. Jones, Consultant Ophthalmologist, and Dr. S. K. Bannerjee, to whom all children with visual defects are referred.

HOSPITAL SERVICES

The hospital services for the area are administered by the United Sheffield Hospitals, Sheffield Regional Hospital Board, with the following hospital management committees; Sheffield No's. 1, 2 and 3, Rotherham, Barnsley and Doncaster.

General hospital services :

Sheffield Royal Hospital

Sheffield Royal Infirmary

Sheffield City General Hospital

Rotherham Moorgate and Doncaster Gate
Hospitals

Barnsley Beckett and St. Helen Hospitals

Doncaster Royal Infirmary

Mexborough Montagu Hospital

Infectious Diseases hospital services :

Kendray Isolation Hospital

Doncaster Tickhill Road Hospital

Sheffield Lodge Moor Hospital

Maternity hospital services :

Sheffield Jessop Hospital

Rotherham Moorgate Hospital

Mexborough Montagu Hospital

Barnsley St. Helen Hospital

Listerdale Maternity Home

Chest Clinics :

Mexborough Chest Clinic—Dr. J. D. Stevens

Rotherham Chest Clinic—Dr. A. C. Morrison

Laboratory Services :

Bacteriological examinations are carried out at the Public Health Laboratories at Wakefield (Director : Dr. L. A. Little) and at Sheffield (Director : Dr. E. H. Gillespie).

Sections "C", "D" and "E" have been contributed by
Mr. H. Brearley, Chief Public Health Inspector

SECTION "C"

SANITARY CIRCUMSTANCES OF THE AREA

PUBLIC CLEANSING

Refuse Collection

Reorganisation of the refuse collection service took place during the year 1971. The Work Study report, which had been prepared by a Work Study Unit and rejected by the employees in the previous year, was finally accepted by them and put into operation. The rounds were reduced from 5 to 4, and one new 7 cubic yard "Karrier Bantam" refuse vehicle was purchased. 3 "Karrier Ramillies" vehicles operated on the 3 major rounds, while the small 7 cubic yard vehicle was used on shop collection and for some of the narrower back lanes, where the larger vehicles could not go. One of the old small 7 cubic yard vehicles was retained as a spare vehicle, and also to assist in collection of salvage from certain shops. Under the scheme the number of employees was reduced to 19, and it was found that after some practical difficulties had been eased out, the service worked quite well. It was also evident that the rate of absenteeism was curtailed.

Under the Municipal Bin Scheme 490 dustbins were issued, this figure being more than double the number issued in the previous year.

With a view to arresting the indiscriminate disposal of litter and certain types of household refuse, the Council decided to abolish the select sites in the area where this kind of rubbish could be deposited, and in its place a special Saturday morning collection was set up, where unwanted articles and refuse could be collected on request to the office. This service started in July, and at the year end 244 calls had been made. This service was operated by one driver and one labourer on a rota system. It was found that the service was welcomed by the majority of ratepayers, but accumulations of litter and unwanted rubbish still appeared in certain areas.

Refuse Disposal

Negotiations were completed with the owner of land in Pastures Road for tipping purposes, the adjoining tip on land owned by the National Coal Board having now been filled. The new site was 6 feet lower than the adjoining road and covered about 8 acres. Actual tipping started there in the Springtime.

Salvage

The salvage of waste paper and cardboard was continued, and 85.36 tons were recovered and sold to Thames Board Mills for a figure of £1,048.32. This figure was slightly more than that of the previous year, although it was felt that the figure could have been higher. The main cause was that most of the salvage of paper and cardboard came from the shops, and some shops were continuing to dispose of it to private firms, a practice which was put into operation during the employees' strike in the Autumn of 1970.

CONTROL OF PESTS ACT, 1949

Destruction of Rats and Mice

(Prevention of Damage by Pests Act, 1949)

There were no major infestations of rats or mice. All infestations were of a minor character, although it was found that the mice infestations were very much less than those in the previous year. One full time operator was employed on this work, and it was found that the public responded well to the service and readily notified any existence of rodents.

Details of the properties involved and inspections and treatment, are given below :—

Number of properties in district	...	...	...	7,008
Properties inspected following notification	...	...	...	268
Number infested by rats	...	...	...	85
Number infested by mice	...	...	...	39
Total number of properties inspected for rats and/or mice for reasons other than notification	...	...	...	19
Number infested by rats	...	...	...	13
Number infested by mice	...	...	...	5

Disinfestation

The Council continued to give a free service of disinfestation, and the total number of infestations was relatively small, but the chief causes were cockroaches, clover mites and ants. The figures for the three mentioned were slightly less than those of the previous year. Clover mite infestations occurred chiefly on new housing developments, especially in the Windhill and Church Street areas. Other infestations were small in number, though varied. The number of premises treated was as follows :—

Cockroaches	...	10	Flies	...	...	2	
Clover mites	...	10	Moths	...	...	1	
Ants	...	...	8	Silverfish	...	...	2
Bugs	...	...	1	Wasps	...	...	1

Animal Destructor

The humane destruction of animals was carried out in co-operation with the R.S.P.C.A. and a total of 236 dogs and 16 cats were dealt with on behalf of the owners. There were also 116 dogs dealt with for the police. These figures are about in accordance with the yearly average.

Sanitary Circumstances of the Area

Pollution, particularly of the atmosphere, continued to be a major problem in the district, most of it being from residential sources, and other sources being from industrial premises situated outside and on the boundaries of the district. Two Smoke Control Orders were in operation and the Council decided to press on with the programme.

Although a small parcel of land had been obtained for the future disposal of refuse, this would not last long and land starvation would mean that the authority would have to tip outside of their area.

The worst of the sub-standard houses had been cleared over the years, and only a few houses in small areas remained to be dealt with. Many of the older houses were improved, with a view to giving them longer life.

Water Supply

The water undertakers to this authority was the Sheffield Corporation Waterworks Department, and there were no serious complaints about the service, which was found to be adequate in quantity and quality. 49 samples were taken for bacteriological examination and were found to be satisfactory.

Sewage Disposal

Some difficulties in the functioning of the new Sewage Disposal Plant were experienced following the strike of employees in the previous autumn. Eventually these were ironed out and the plant continued to give service.

Sanitary Inspections of the District

Details of the inspections carried out during the year were as follows :—

Factories	...	...	...	...	27
Bakehouses	...	...	...	...	15
Temporary Dwellings			...	...	6
Rats and Mice	...	...	...	...	1,326
Shops	...	...	...	...	219
Infectious Diseases		...	...	...	12
Houses	...	...	...	...	2,316
Slaughterhouses		...	...	...	162
Ice-Cream Premises	...	...	...		26
Restaurants and Cafes			...	...	12
Other Food Premises	...	...	...		218
Cowsheds, Dairies and Milk Shops	...				42
Smoke Inspections	...	...	...		6
Miscellaneous	...	...	...	...	117
Vermin Infestation	...	...	...		212
Hairdressers	...	...	...	...	19

Complaints

There were 488 complaints received during the year, this figure being comparable with that of the previous year. These complaints were chiefly concerning housing repairs, insect infestations, rodents and choked drains. It was found that the number of complaints concerning housing repairs were much less than in former years, owing to the demolition of the older sub-standard properties.

Overcrowding

There was no case of excessive overcrowding reported to the Department.

Caravan Sites—Control of Development Act 1960

One Caravan site in the town accommodated 17 residential caravans. The site was reasonably well kept and no troubles were experienced.

The number of itinerant traders parking in the area were few as compared to former years. This was no doubt due to the fact that the areas where they used to park had now been built upon.

Atmospheric Pollution

There were two Smoke Control Orders for the eastern side of the Urban District, but these were suspended until 1st May, 1971 owing to the shortage of smokeless fuels. The year 1971 was a standstill period in Smoke Control because although the Orders began to operate again, as and from May, the Council were reluctant to make further Orders because of the possible recurrence of fuel shortages in the following winter. Actually the shortage of smokeless fuels was not so acute in the winter of 1971/72, and it was hoped that the Smoke Control programme could be continued during 1972.

The recording of the deposit of, total solids per square mile per month was done by one deposit gauge, situated at the Council Offices and it is noted that the figures were slightly higher than those of the previous year. The monthly average worked out at approximately 15.4 tons per square mile per month, ignoring the exceptionally high figure for December, when the apparatus had been interfered with. 6 lead peroxide instruments situated in different parts of the area recorded sulphur dioxide. The figures compared largely with those of the previous year, but were slightly higher during the winter months. On the whole there has been a definite improvement over the past few years. (Gauge readings attached herewith).

DEPOSIT GAUGE READING — PERIOD JANUARY—DECEMBER, 1971

Site of Gauge — In front of the Urban District Council Offices, corner of Adwick Road and Doncaster Road, Mexborough.

Gauge Number — D.326.

Metric Factor — (g. deposit to g/100m. 2) 1302.

British Factor — (g. deposit to tons/mi. 2) 33.19

Analysis of Matter Collected in Atmospheric Deposit Gauge per Calendar month		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WATER pH Value TOTAL UNDIS- SOLVED MATTER Soluble in CS ₂ Ash Other Combustible Matter TOTAL DISSOLVED MATTER Ca++ Cl-- SO ₄	m.m. rain	44.00 3.9	16.00 4.3	35.00 4.8	55.00 4.8	51.00 5.1	55.00 7.5	59.00 5.8	59.00 4.4	13.00 5.8	42.00 6.5	36.00 6.0	36.00 5.2
	tons per sq. mile	8.60 0.17	5.01 0.03	7.27 0.07	8.96 0.07	12.74 0.03	10.62 0.10	11.25 0.03	4.61 0.13	6.31 0.03	9.29 0.03	6.67 0.13	108.23 0.10
	"	6.94	3.62	5.54	6.87	9.49	7.40	7.87	2.79	4.45	5.58	4.38	79.52
	"	1.49	1.36	1.66	2.02	3.22	3.12	3.35	1.69	1.83	3.68	2.16	28.61
	"	8.63	7.00	5.71	6.60	7.20	6.77	6.41	4.25	3.85	8.76	12.98	8.10
	"	0.84	0.90	0.60	0.96	1.06	0.76	0.96	0.73	0.50	0.86	0.93	1.39
	"	1.25	1.26	1.16	1.26	1.29	0.70	1.19	1.49	0.43	1.49	1.66	1.93
	"	3.39	2.62	1.96	2.49	2.72	1.69	2.26	1.56	1.46	3.22	2.75	2.79
	tons per sq. mile	17.23	12.01	12.98	15.57	19.95	17.39	17.66	8.86	10.16	18.06	19.65	116.33
	TOTAL SOLIDS												

The lead peroxide instruments and deposit gauge readings are enclosed.

SULPHUR GAUGE READINGS — 1971

Wt. Ba SO₄

Period	Station	Area Exposed in Sq. Cm.	In Sample (Mg)	In Control (Mg)	Due to Exposure (Mg)	Wt of SO ₃ collected Mg/100 sq.cm/day
Jan. 1971	Bailey	99.0	131.0	4.0	127.0	1.57
	Highwoods	101.0	320.0	4.0	316.0	3.84
	Hanby	100.0	94.0	4.0	90.0	1.10
	Market Hall		No	Record		
	Sewage Works.....		No	Record		
	Water Tower	101.0	227.0	4.0	223.0	2.71
	1st Y.E.P.	99.0	169.0	4.0	165.0	2.04
	2nd Y.E.P.		No	Record		
	Maple Road, Highwoods Est.	98.0	243.0	4.0	239.0	2.99
Feb. 1971	Bailey	99.0	234.0	4.0	230.0	2.85
	Highwoods	101.0	271.0	4.0	267.0	3.24
	Hanby	100.0	148.0	4.0	144.0	1.77
	Market Hall		No	Record		
	Sewage Works.....		No	Record		
	Water Tower	101.0	262.0	4.0	258.0	3.13
	1st Y.E.P.	99.0	159.0	4.0	155.0	1.92
	2nd Y.E.P.		No	Record		
	Maple Road, Highwoods Est.	98.0	210.0	4.0	206.0	2.58
Mar. 1971	Bailey	100.0	170.0	4.0	166.0	1.84
	Highwoods		No	Record		
	Hanby	99.0	154.0	4.0	150.0	1.68
	Market Hall		No	Record		
	Sewage Works.....		No	Record		
	Water Tower	110.0	210.0	4.0	206.0	2.07
	1st Y.E.P.	100.0	182.0	4.0	178.0	1.97
	2nd Y.E.P.		No	Record		
	Maple Road, Highwoods Est.	99.0	236.0	4.0	232.0	2.60
April 1971	Bailey	99.0	112.0	4.0	108.0	1.00
	Highwoods	99.0	202.0	4.0	208.0	1.96
	Hanby	100.0	84.0	4.0	80.0	0.78
	Market Hall		No	Record		
	Sewage Works.....		No	Record		
	Water Tower	110.0	226.0	4.0	222.0	1.98
	1st Y.E.P.	99.0	98.0	4.0	94.0	0.93
	2nd Y.E.P.		No	Record		
	Maple Road, Highwoods Est.	110.0	150.0	4.0	146.0	1.30
May. 1971	Bailey	100.0	86.0	4.0	82.0	1.01
	Highwoods	100.0	171.0	4.0	167.0	2.12
	Hanby	98.0	71.0	4.0	67.0	0.87
	Market Hall		No	Record		
	Sewage Works.....		No	Record		
	Water Tower	100.0	176.0	4.0	172.0	2.19
	1st Y.E.P.	100.0	98.0	4.0	94.0	1.20
	2nd Y.E.P.		No	Record		
	Maple Road, Highwoods Est.	105.0	128.0	4.0	124.0	1.50

SULPHUR GAUGE READINGS — 1971 (continued)

Wt. Ba SO₄

Period	Station	Area Exposed in Sq. Cm.	In Sample (Mg)	In Control (Mg)	Due to Exposure (Mg)	Wt of SO collected Mg/100 sq cm/day
June. 1971	Bailey	99.0	89.0	4.0	85.0	0.97
	Highwoods	102.0	132.0	4.0	128.0	1.44
	Hanby	101.0	46.0	4.0	42.0	0.48
	Market Hall		No	Record		
	Sewage Works.....		No	Record		
	Water Tower	104.0	134.0	4.0	130.0	1.43
	1st Y.E.P.	95.0	99.0	4.0	95.0	1.09
	2nd Y.E.P.		No	Record		
	Maple Road,		No	Record		
	Highwoods Est.					
July 1971	Bailey	100.0	117.0	4.0	113.0	1.25
	Highwoods	101.0	107.0	4.0	103.0	1.13
	Hanby	99.0	62.0	4.0	58.0	0.65
	Market Hall		No	Record		
	Sewage Works		No	Record		
	Water Tower	100.0	101.0	4.0	97.0	1.07
	1st Y.E.P.	98.0	98.0	4.0	94.0	1.06
	2nd Y.E.P.		No	Record		
	Maple Road,	99.0	133.0	4.0	129.0	1.44
	Highwoods Est.					
Aug. 1971	Bailey	99.0	66.0	4.0	62.0	0.72
	Highwoods	99.0	95.0	4.0	91.0	1.05
	Hanby	101.0	29.0	4.0	25.0	0.28
	Market Hall		No	Record		
	Sewage Works		No	Record		
	Water Tower	104.0	94.0	4.0	90.0	0.99
	1st Y.E.P.	99.0	65.0	4.0	61.0	0.71
	2nd Y.E.P.		No	Record		
	Maple Road		No	Record		
	Highwoods Est.					
Sept. 1971	Bailey	98.0	132.0	4.0	128.0	1.50
	Highwoods	99.0	154.0	4.0	150.0	1.73
	Hanby	101.0	56.0	4.0	52.0	0.59
	Market Hall		No	Record		
	Sewage Works		No	Record		
	Water Tower	101.0	167.0	4.0	163.0	1.85
	1st Y.E.P.	98.0	254.0	4.0	250.0	2.92
	2nd Y.E.P.		No	Record		
	Maple Road,	97.0	168.0	4.0	164.0	1.82
	Highwoods Est.					
Oct. 1971	Bailey	98.0	94.0	4.0	90.0	1.02
	Highwoods	99.0	138.0	4.0	134.0	1.50
	Hanby	101.0	68.0	4.0	64.0	0.70
	Market Hall		No	Record		
	Sewage Works		No	Record		
	Water Tower	101.0	220.0	4.0	216.0	2.34
	1st Y.E.P.	98.0	112.0	4.0	108.0	1.22
	2nd Y.E.P.		No	Record		
	Maple Road,	97.0	207.0	4.0	203.0	2.32
	Highwoods Est.					

SULPHUR GAUGE READINGS — 1971 (continued)

Wt. Ba SO₄

Period	Station	Area Exposed in Sq. Cm.	In Sample (Mg)	In Control (Mg)	Due to Exposure (Mg)	Wt of SO ₃ collected Mg/100 sq.cm/day
Nov. 1971	Bailey	101.0	201.0	4.0	197.0	2.23
	Highwoods	100.0	257.0	4.0	253.0	2.90
	Hanby	98.0	178.0	4.0	174.0	2.03
	Market Hall		No	Record		
	Sewage Works.....		No	Record		
	Water Tower	98.0	186.0	4.0	282.0	3.29
	1st Y.E.P.	100.0	205.0	4.0	201.0	2.30
	2nd Y.E.P.		No	Record		
	Maple Road,	100.0	249.0	4.0	245.0	2.80
Dec. 1971	Highwoods Est.					
	Bailey	98.0	211.0	4.0	207.0	2.32
	Highwoods	99.0	230.0	4.0	226.0	2.61
	Hanby	101.0	357.0	4.0	353.0	4.00
	Market Hall		No	Record		
	Sewage Works		No	Record		
	Water Tower	101.0	229.0	4.0	225.0	2.55
	1st Y.E.P.	98.0	343.0	4.0	339.0	3.96
	2nd Y.E.P.		No	Record		
	Maple Road,	97.0	183.0	4.0	179.0	2.11
	Highwoods Est.					

Factories

The number of factories registered was 37, being a reduction of 3 from the number of the previous year. Most of them were of small light industry, and there was little success in attracting new factories to the trading estate in Whitelea Grove. One large company had withdrawn their application for space on this site. 5 small firms, engaged in light industry, took rooms in the old Dolcliffe Road School Buildings.

27 inspections were made and the following defects were found and remedied :—

Choked drains	6
Choked W.C.'s	2
Obnoxious smell	1

Hairdressers

There were 27 ladies and 10 gentlemen's hairdressers registered and no complaints were received.

Offices, Shops & Railway Premises Act 1963

The number of premises registered under the above Act were as follows :—

Offices	83
Retail shops	140
Wholesale shops/warehouses	15
Catering establishments open to the public	25
Fuel storage depots	5

The following number of persons were employed in the registered premises :—

Offices	308
Retail shops	657
Wholesale shops/warehouses	59
Catering establishments open to the public	91
Canteens	2
Fuel storage depots	11

1,128

Total males employed	431
Total females employed	697

SECTION "D"

HOUSING IN THE AREA

The total number of houses in the district was 5,940, of which none were back to back.

House Erection

131 new houses were erected during the year, of which 108 were local authority owned, and 23 by private enterprise. The total figure was almost double that for the previous year. The development was chiefly in the Windhill/Harlington Road area.

House Clearance and Demolition

Representations were made during the year for 21 houses in Clearance areas, and 15 houses were also dealt with as individually unfit houses. This was part of the mopping up process of small areas of unfit houses, the larger black spots have been eradicated over the years.

Housing Inspection and Repairs

Chimneys repaired	17
Roofs repaired	22
Eaves gutters repaired	26
Walls repaired	57
Windows repaired	35
Steps repaired	3
Handrail provided	2
Doors repaired	35
Plasterwork renewed	25
New sinks supplied	7
Waste pipes renewed	10
Kitchen ranges repaired	7
New W.C.'s provided	3
Firebacks renewed	2
Floors repaired	10
Water in cellars cleared	10
Choked drains cleansed	76
New manholes supplied	6
Yard paving renewed	3
Rain water pipes repaired	10
W.C.'s repaired	23
Damp walls remedied	6
Burst pipes repaired	11
New drains provided	4
Drains repaired	10
Miscellaneous	29
Total ...	449

Statutory Notices

Statutory Notices were served in respect of 17 houses under Section 93 of the Public Health Act 1936, and these were all complied with.

Housing Improvements

179 formal applications for improvement of houses were made during the year, and each one was allowed by the Council. By the year end, improvement work had been completed at 99 houses.

Assisted House Purchase

The Council made advances in 42 cases in the sum of £21,990 for the purchase of houses within the Urban area.

SECTION "E"

INSPECTION AND SUPERVISION OF FOOD

There was only one licensed slaughterhouse in the district, and 1,936 pigs were slaughtered and inspected. Evidence of localised tuberculosis was found in 33 animals, and for all diseases except tuberculosis and cysticerci, evidence was found in 230 pigs. The slaughterhouse was well run and well maintained during the year.

The following carcasses and parts of carcasses and offals were found to be unfit for human consumption and destroyed :—

33 Heads (Tuberculosis)	10 lbs leg Pork (Injury)
1 Head (Abscesses)	5 Plucks (Peritonitis)
65 sets of Lungs (Pneumonia)	10 Plucks (Inflammation)
94 sets of Lungs (Pleurisy)	17 Livers (Parasitic)
26 sets of Lungs (Congestion)	2 Livers (Peritonitis)
47 Hearts (Pericarditis)	3 Livers (Milk Spots)
8 Hearts (Epicarditis)	1 Liver (Cysts)
116 lbs Shoulder Pork & Head (Injury & decomposition)	1 Kidney (Nephritis)
	4 lbs Pork (Abscesses)

Food Stuffs

Routine inspections at food shops and wholesale premises were carried out and although there were some instances of damaged food stuffs, mechanical failure of refrigerators caused the most deterioration in foodstuffs. The standard of the food shops was on the whole, satisfactory.

The following foodstuffs were found to be unfit for human consumption and destroyed :

408 tins of fruit	44 pkts pastry
461 tins & pkts meat	93 tins soup
467 tins & pkts vegetables	52½ lbs butter
520 tins & pkts fish	29 pkts Golden Wonder
40 lbs beef	crisps
106 lbs pork	129 pkts choc teddy bears
1 turkey—9 lbs	16 trifles
1 chicken	25 pkts mousse
4 x ¼ chickens	4 Arctic rolls
1 chicken casserole	1 cream cake

Slaughter of Animals Act, 1958

One licence was issued.

Food Premises

There were 14 catering establishments, 5 bakehouses and 72 other food shops, and 58 shops were retailers in wrapped ice cream. 10 establishments sold sausages, potted or preserved foods.

The following improvements and repairs were carried out :—

Wash basins	2
Repairs to refrigerators	6
W.C.'s repaired	2
Defective drains repaired	2
Choked drains	4

Milk

There were 41 registered milk retailers, most of them for the sale of sterilised milk.

SECTION "F"

PREVENTION AND CONTROL OVER INFECTIOUS AND OTHER DISEASES—1971

Mexborough Urban District Council

Infectious Diseases (Corrected) Age Distribution

Diseases	Total Cases Notified	Cases after Correction	Under 1 yr.	1 —	2 —	3 —	4 —	5 — 9	10 — 14	15 — 24	25 — 44	45 — 64	65 and Over
Measles	66	66	4	11	9	11	5	19	6	—	1	—	—
Scarlet Fever	14	14	—	1	1	3	1	4	4	—	—	—	—
Whooping Cough	12	12	2	—	5	1	—	4	—	—	—	—	—
Infective Hepatitis	7	7	—	—	—	—	—	3	2	1	1	—	—
TOTALS	99	99	6	12	15	15	6	30	12	1	2	—	—

TUBERCULOSIS

No. on Register at 31st December, 1971

			Males	Females	Total
Pulmonary	...	...	53	24	77
Non-Pulmonary	...	...	1	10	11
			54	34	88

No. Removed from Register during 1971

				Pulmonary		Non-Pulmonary		Total
				M.	F.	M.	F.	
Deaths	...	...	...	4	1	—	—	5
Others (cured, re-diagnosed, transfers of area etc.)				—	1	—	—	1
				4	2	—	—	6

Additions to Register during 1971

				Pulmonary		Non-Pulmonary		Total
				M.	F.	M.	F.	
New Notifications	...			4	1	—	—	5
Others (Cases restored to Register, transfers, etc.)	...			—	—	—	—	—
				4	1	—	—	5

New Notifications 1971

				Pulmonary		Non-Pulmonary		Total
				M.	F.	M.	F.	
Age Groups :								
15—25	1	—	—	—	1
45—64	1	1	—	—	2
65+	2	—	—	—	2
				4	1	—	—	5

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